Refine Search

Search Results -

Terms	Documents
L1.clm.	7

Database:
- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search: L2

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Wednesday, March 08, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB; PLUR=YES; OP=OR			
L2	L1.clm.	7	L2
L1	count$3 near10 (interrupt near3 type)	42	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
count$3 near10 (interrupt near3 type)	141

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L1

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Wednesday, March 08, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L1	count$3 near10 (interrupt near3 type)	141	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
count$3 near10 (interrupt near3 type)	7

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L2

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Wednesday, March 08, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L2	count$3 near10 (interrupt near3 type)	7	L2
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L1	count$3 near10 (interrupt near3 type)	141	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and L3	24

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L4

Refine Search

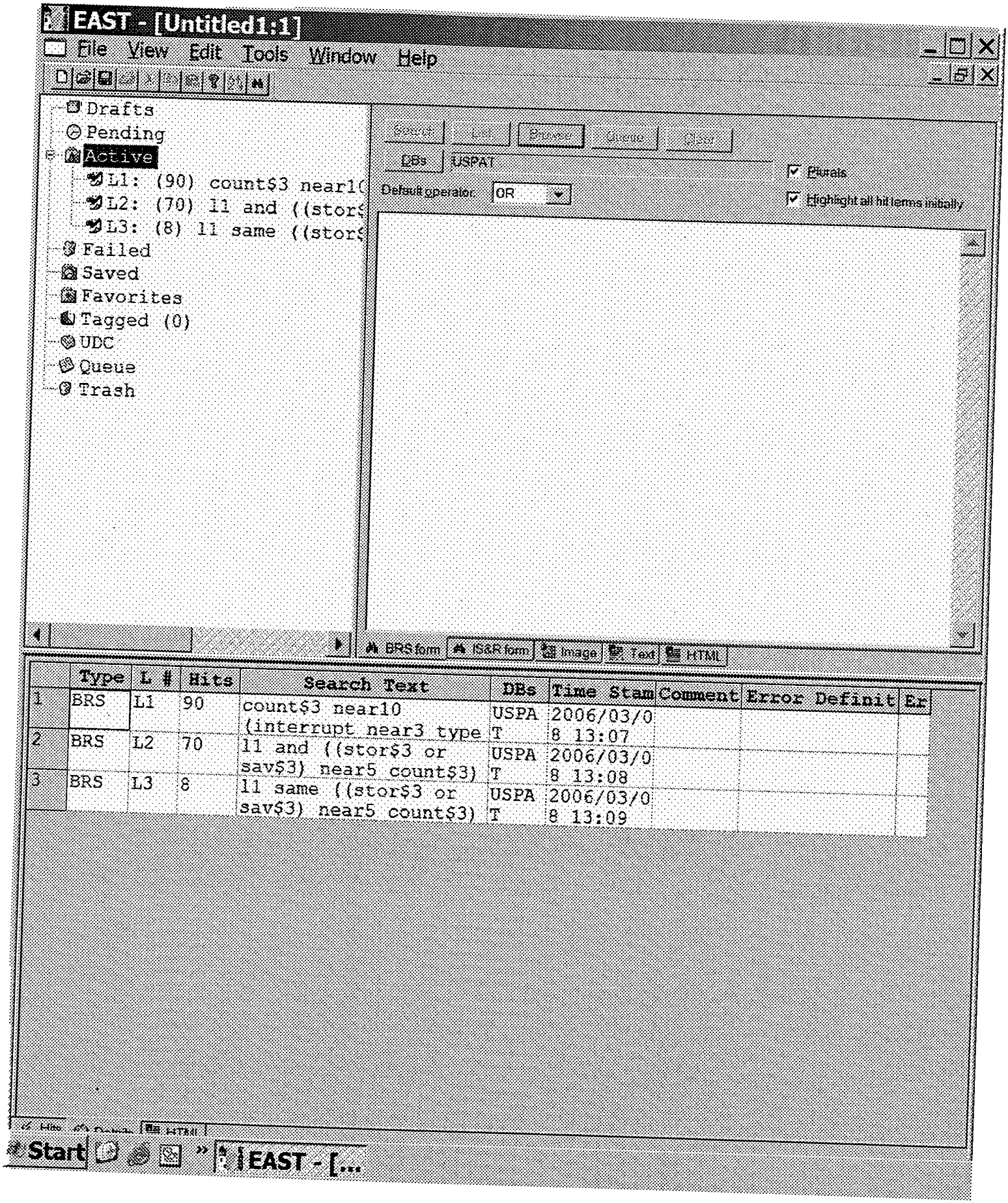
Recall Text | Clear | Interrupt

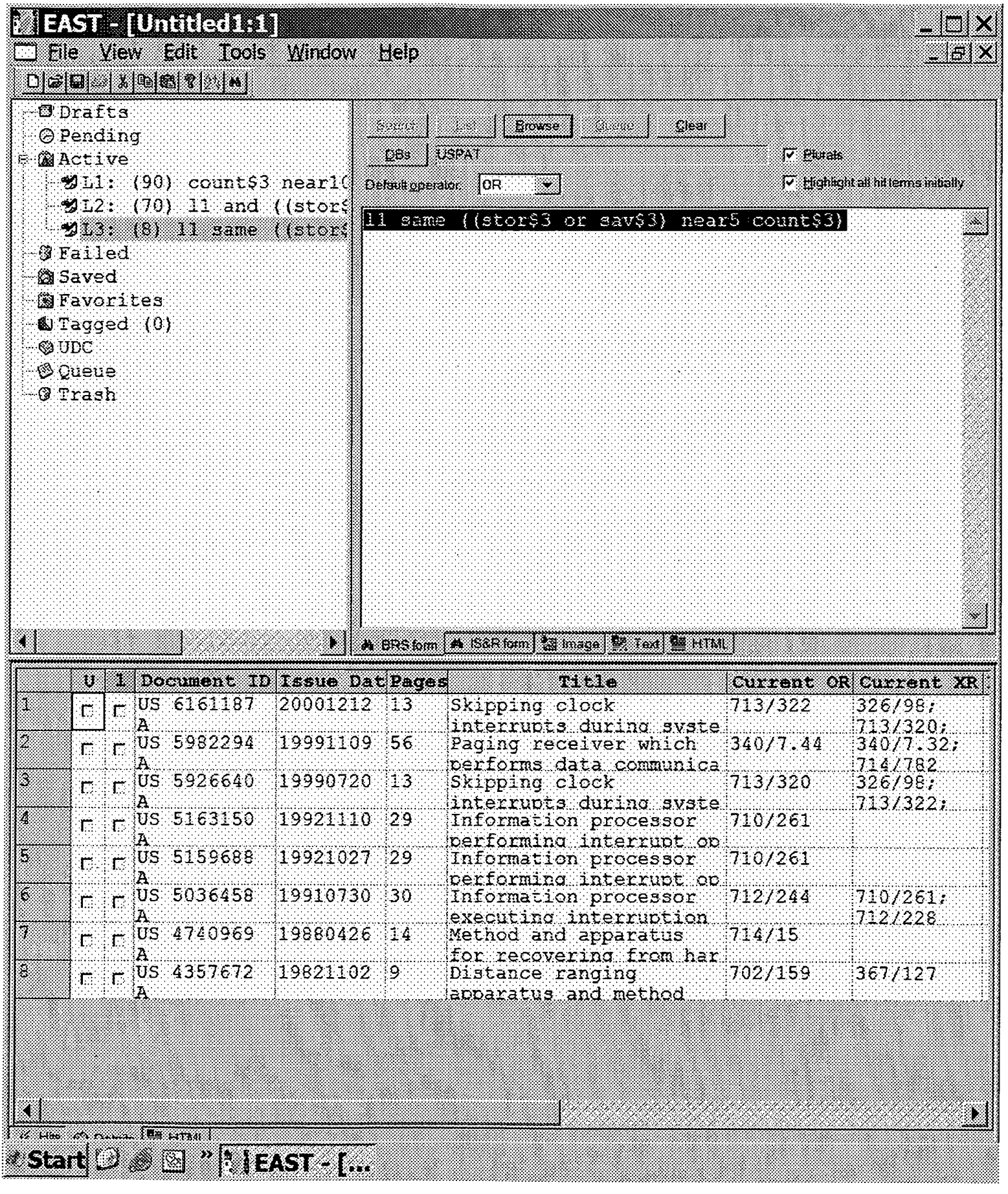
Search History

DATE: Wednesday, March 08, 2006 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L4	l1 and L3	24	L4
L3	710/260-266,48,55;711/202-208;340/825.65;718/107.ccls.	6384	L3
DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L2	count$3 near10 (interrupt near3 type)	7	L2
DB=PGPB,USPT,USOC; PLUR=YES; OP=OR			
L1	count$3 near10 (interrupt near3 type)	141	L1

END OF SEARCH HISTORY


EAST - [Untitled1:1]
File View Edit Tools Window Help
Drafts
Pending
Active
L1: (90) count$3 near1(
L2: (70) l1 and ((stor$
L3: (8) l1 same ((stor$
Failed
Saved
Favorites
Tagged (0)
UDC
Queue
Trash
Search
Edit
Browse
Queue
Clear
DBs
USPAT
Default operator:
OR
Plurals
Highlight all hit terms initially
BRS form
IS&R form
Image
Text
HTML
Type L # Hits Search Text DBs Time Stam Comment Error Definit Er
1 BRS L1 90 count$3 near10 (interrupt near3 type USPA T 2006/03/0 8 13:07
2 BRS L2 70 l1 and ((stor$3 or sav$3) near5 count$3) USPA T 2006/03/0 8 13:08
3 BRS L3 8 l1 same ((stor$3 or sav$3) near5 count$3) USPA T 2006/03/0 8 13:09
Start
EAST - [...



	U	1	Document ID	Issue Dat	Pages	Title	Current OR	Current XR
1	☐	☐	US 6161187 A	20001212	13	Skipping clock interrupts during syste	713/322	326/98; 713/320;
2	☐	☐	US 5982294 A	19991109	56	Paging receiver which performs data communica	340/7.44	340/7.32; 714/782
3	☐	☐	US 5926640 A	19990720	13	Skipping clock interrupts during syste	713/320	326/98; 713/322;
4	☐	☐	US 5163150 A	19921110	29	Information processor performing interrupt op	710/261	
5	☐	☐	US 5159688 A	19921027	29	Information processor performing interrupt op	710/261	
6	☐	☐	US 5036458 A	19910730	30	Information processor executing interruption	712/244	710/261; 712/228
7	☐	☐	US 4740969 A	19880426	14	Method and apparatus for recovering from har	714/15	
8	☐	☐	US 4357672 A	19821102	9	Distance ranging apparatus and method	702/159	367/127

Results for "((interrupt<in>metadata) <and> (count*<in>metadata))<and> (type<in..."

e-mail printer friendly

Your search matched **2** of **1325881** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

((interrupt<in>metadata) <and> (count*<in>metadata))<and> (type<in>metadata Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **Digital mobile communication system designed for nationwide police activities-WIDE system**
   Inoue, R.;
   Security Technology, 1996, 30th Annual 1996 International Carnahan Conference
   2-4 Oct. 1996 Page(s):33 - 36
   Digital Object Identifier 10.1109/CCST.1996.551839
   AbstractPlus | Full Text: PDF(288 KB) IEEE CNF
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2. **Network based on SOM (Self-Organizing-Map) modules combined with statistical decision tools**
   Graupe, D.; Kordylewski, H.;
   Circuits and Systems, 1996., IEEE 39th Midwest symposium on
   Volume 1, 18-21 Aug. 1996 Page(s):471 - 474 vol.1
   Digital Object Identifier 10.1109/MWSCAS.1996.594203
   AbstractPlus | Full Text: PDF(368 KB) IEEE CNF
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Network based on SOM (Self-Organizing-Map) modules combined with statistical decision tools

Graupe, D. Kordylewski, H.

Dept. of Electr. Eng. & Comput. Sci., Illinois Univ., Chicago, IL, USA;

This paper appears in: **Circuits and Systems, 1996., IEEE 39th Midwest symposium on**

Publication Date: 18-21 Aug. 1996

Volume: 1

On page(s): 471 - 474 vol.1

Number of Pages: 3 vol. xxxv+1439

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Location: Ames, IA

INSPEC Accession Number:5602486

Digital Object Identifier: 10.1109/MWSCAS.1996.594203

Posted online: 2002-08-06 20:52:07.0

Abstract

The neural network discussed in this paper is a self trained network for LArge Memory STorage And Retrieval (LAMSTAR) of information. It employs features such as forgetting, interpolation, extrapolation and filtering, to enhance processing and memory efficiency. The network is based on SOM (Self-Organizing-Map) modules which are modified such that only a limited number of neurons per each module is processed at a given iteration. It employs arrays of link-weight vectors to channel information vertically and horizontally through the network. Direct feedback and up/down **counting** serve to set these link weights as is a higher-hierarchy performance evaluator element which also provides high level interrupts. Pseudo random modulation of the link weights prevents dogmatic network behavior. The input word is a coded vector X of sub-words (sub-vectors) xi. Each sub-word corresponds to a different category (feature, attribute) of the input word and is processed by a different SOM-**type** module. The authors have applied the network to simulated medical diagnosis. With adequate input coding, other applications are possible, such as scene recognition and speech recognition. Diagnosis is facilitated by the interpolation/extrapolation capabilities above

Index Terms

Inspec

Controlled Indexing

decision support systems extrapolation interpolation medical diagnostic computing modules self-organising feature maps stochastic systems

Non-controlled Indexing

LAMSTAR Large Memory Storage And Retrieval coded vector direct feedback dogmatic network behavior extrapolation filtering forgetting high level **interrupts** higher-hierarchy performance evaluator element input coding interpolation link-weight vectors memory efficiency neural network processing efficiency pseudo random modulation scene recognition self trained network self-organizing-map modules simulated medical diagnosis

speech recognition statistical decision tools up/down counting

Author Keywords

Not Available

References

No references available on IEEE Xplore.

Citing Documents

No citing documents available on IEEE Xplore.

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